ABSTRACT

In a W-CDMA communication system, even the RNC goes into the congestion state due to increasing user data, the RNC may distribute loads while continuously performing its processing

5   without causing system down. An ATM network used in a RAN is IP-networked, where a C plane processing device for signaling processing and a U plane processing device for user data processing are provided in a physically separated manner. With the U plane processing device, a backup system is prepared independently

10   from an active system. When congestion occurs in the active system, part of processing is switched to and inherited by the backup system.